p1105: Factoring when $a = $ prime (v25)

1. Factor the expression $7x^2 - 15x + 8$

$$(7x - 8)(x - 1)$$

2. Factor the expression $11x^2 - 91x - 72$

$$(11x + 8)(x - 9)$$

3. Factor the expression $5x^2 + 17x - 12$

$$(5x - 3)(x + 4)$$

4. Factor the expression $7x^2 + 36x + 5$

$$(7x + 1)(x + 5)$$

5. Factor the expression $5x^2 + 36x - 81$

$$(5x - 9)(x + 9)$$

6. Factor the expression $5x^2 + 23x + 24$

$$(5x + 8)(x + 3)$$

7. Factor the expression $11x^2 - 86x - 16$

$$(11x + 2)(x - 8)$$

8. Factor the expression $7x^2 + 23x + 6$

$$(7x + 2)(x + 3)$$

9. Factor the expression $7x^2 + 43x - 42$

$$(7x - 6)(x + 7)$$

10. Factor the expression $7x^2 + 55x - 8$

$$(7x - 1)(x + 8)$$